

PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

1 - 10 (Canceled)

11. (Previously presented) A system for time synchronizing a second base station with a first base station comprising:

a first base station configured to:

measure a round trip delay interval of transmissions from said first base station to a mobile station in communication with said first base station and back from the mobile station to said first base station; and

a second base station configured to:

receive communications transmitted by the mobile station and note the time of reception;

determine an estimate of a delay which occurs between transmission by the mobile station and reception by said second base station; and

compute a timing correction value based upon the estimate of the delay, the time of reception, and the measured round trip delay interval.

12. (Previously presented) The system of claim 11 wherein said second base station is further configured to receive a message indicative of the identity of the mobile station to assist said second base station to receive communications from the mobile station.

13. (Previously presented) The system of claim 12 wherein said first base station is further configured to send the message indicative of the identity of the mobile station to said second base station.

14. (Previously presented) The system of claim 13 wherein said first base station is further configured to send the message to said second base station via a base station controller in communication with said first base station and said second base station.

15. (Previously presented) The system of claim 13 wherein said first base station is further configured to:

receive communications from a plurality of mobile stations; and
select a mobile station most likely to be able to communicate with said second base station.

16. (Previously presented) The system of Claim 15 wherein said first base station is configured to select the mobile station most likely to be able to communicate with said second base station as a mobile station furthest from said first base station.

17. (Canceled)

18. (Previously presented) The system of Claim 15 wherein said first base station is configured to select the mobile station most likely to be able to communicate with said second base station in accordance with the state of a PN spreader in the mobile station.

19. (Previously presented) The system of claim 15 wherein said first base station is configured to select the mobile station most likely to be able to communicate with said second base station in accordance with the sector of said first base station being used for communication with the mobile station.

20. (Previously presented) The system of claim 15 wherein said first base station is configured to select the mobile station most likely to be able to communicate with said second base station in accordance with said measured round trip delay interval.

21 - 58 (Canceled).